FORM PTO-1449 **LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT** (use several sheets if necessary)	SERIAL NO. 10/625,380	ATTORNEY DOCKET NO. 1053.2.2
	FILING DATE July 23, 2003	GROUP ART UNIT
	APPLICANT(S): Mark J. Hagmann	

REFERENCE DESIGNATION **U.S. PATENT DOCUMENTS**

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS/ SUBCLASS	FILING DATE
dl	A1	3,958,189	05/18/1976	Sprangle et al.	331/94.5 PE	06/04/1975
	A2	4,888,776	12/19/1989	Dolezal et al.	372/2	12/13/1988
	A3	4,912,367	03/27/1990	Schumacher et al.	315/3.5	04/14/1988
	A4	6,100,640	08/08/2000	Cathey et al.	315/169.3	05/20/1998
dl	A5	6,204,606	03/20/2001	Spence et al.	315/111.21	09/28/1999

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS/ SUBCLASS	TRANSLATION	
						YES	NO

NON-PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT (Including Author, Title, Source, and Pertinent Pages

EXAMINER David Vu	**DATE CONSIDERED** 8/31/04

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).

10/625380

FORM PTO-1449	SERIAL NO.	ATTORNEY DOCKET NO.
LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT	Not yet assigned	1053.2.2
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						YES	NO

NON-PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT (Including Author, Title, Source, and Pertinent Pages
DU	A1	Peter H. Siegel, Fellow, IEEE "Terahertz Technology", IEEE Transactions on Microwave Theory and Techniques, Vol. 50, NO. 3 March 2002; pg 910-928
	A2	E.R. Brown, F. W. Smith and K.A. McIntosh "Coherent Millimeter-wave Generation by Heterodyne Conversion in Low-temperature-grown GaAs Photoconductors", J. Appl. Phys. 73 (3), 1 February 1993; pg 1480-1463
	A3	Mark J. Hagmann "Stable and Efficient Numerical Method for Solving the Schrodinger Equation to Determine the Response of Tunneling Electrons to a Laser Pulse", International Journal of Quantum Chemistry, Vol. 70, pg. 703-710 (1998) no. 4/5
DU	A4	L. Arnold and W. Krieger, H. Walter "Laser-frequency mising using the scanning tunneling microscope", J. Vac Sci. Technol. A 6 (2), Mar/Apr 1988; pg 466-469

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R	A5	Mark J. Hagmann "Simulations of photon-assisted field emission: their significance in basic science and device applications", Ultramicroscopy 79 (1999); pg. 115-124
	A6	Mark J. Hagmann "Simulations of the generation of broadband signals from DC to 100 THz by photomizing in laser-assisted field emission", Ultramicroscopy 73 (1998); pg. 89-97
	A7	S.K. Masalmeh, H.K.E. Stadermann, J. Korving "Mixing and rectification properties of MIM diodes", Physica B 218 (1996); pg. 56-59
	A8	Mark J. Hagmann "Stimulations of Laser-Assisted field Emission Within the Local Density Approximation of Kohn-Sham Density-Functional Theory", International Journal of Quantum Chemistry, Vol. 65, No. 5, pg. 857-865 (1997)
	A9	Mark J. Hagmann "Single-Photon and Multiphoton Processes Causing Resonance in the Transmission of Electrons by a Single Potential Barrier in a Radiation Field", International Journal of Quantum Chemistry, Vol. 75 No. 4/5, pg 417-427 (1999)
	A10	Mark J. Hagmann "Mechanism for Resonance in the Interaction of Tunneling Particles with Modulation Quanta", J. Appl. Phys. 78 (1), 1 July 1995; pg. 25-29
	A11	Alexandre Mayer and Jean-Pol Vigneron "Quantum-Mechanical Simulations of Photon-stimulated field emission by Transfer Matrices and Green's functions", Physical Review B, Vol. 62, No. 15 Dec. 2000-1; pg. 16 138- 16 145
	A12	Mayer, N. M. Miskovsky, and P.H. Cutler "Photon-stimulated field Emission from Semiconducting (10, 0) and Metallic (5, 5) carbon Nanotubes", Physical Review B, Vol. 65, 195416; pg. 195416-1 - 195416-6
	A13	A. Mayer, N. M. Miskovsky and P.H. Cutler "Three-dimensional Simulations of Field Emission through an Oscillating Barrier from a (10,0) Carbon Nanotube", J. Vac. Sci. Technol. B 21(1), Jan/Feb 2003; pg. 395-399
	A14	Georg Goubau "Surface Waves and Their Application to Transmission Lines", Journal of Applied Physics, Vol. 21 Nov. 1950; pg 1119-1128
	A15	Karen N. Kocharyan, Mohammed Nurul Afsar, and Igor I. Tkachov "Millimeter-Wave Magnetooptics: New Method for characterization of Ferrites in the Millimeter-Wave Range", IEEE Transcations on Microwave theory and tech., Vol. 47, No. 12 Dec. 1999; pg. 2636-2643
	A16	W. Zhu, C. Bower and O. Zhou, and G. Kochanski and S Jin "Large Current Density from Carbon Nanotue Field Emitters", Applied Physics Letters, Vol. 75, No. 6, 9 Aug. 1999; pg. 873-875
R	A17	R. Tarkiainen, M. Ahlskog, J. Penttila, L. Roschier, P. Hakonen, M. Paalanen, and E. Sonin "Multiwalled Carbon Nanotube: Luttinger Versus Fermi Liguid", Physical Review B, Vol. 64, 195412, pg. 195412-1 - 195412-4

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R	A18	Markus Ahlskog, Pertti Hakonen, Mikko Paalanen, Leif Roschier, and Reeta Tarkiainen "Multiwalled Carbon Nanotubes as Building Blocks in Nanoelectronics", Journal of Low Temperature Physics, Vol. 124, Nos. 1 /2, 2001; pg. 335-352
↑	A19	A. Bachtold, M. de Jonge, K. Grove-Rasmussen, and P.L. McEuen "Suppression of Tunneling into Multiwall Carbon Nanotubes", Physical Review Letters, Vol. 87, No. 16 15 Oct. 2001; pg. 166801-1 - 166801-4
↓	A20	P.J. Burke "An RF Circuit Model for Carbon Nanotubes", IEEE Transactions on Nanotechnology, Vol. 2, No. 1 March 2003; pg. 55-58
R	A21	D. B. Rutledge, S. E. Schwarz and A. T. Adams "Infrared and Submillimetre Antennas", Infrared Physics 18 Dec. 1978; pg. 713-729

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